

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/019838

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B01D53/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01D C10K C10L C10G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ROCHELLE, G. T.: "Innovative Stripper Configurations to Reduce the Energy Cost of CO <sub>2</sub> Capture" SECOND ANNUAL CARBON SEQUESTRATION CONFERENCE, ALEXANDRIA, VA MAY 5-8, 2003, 8 May 2003 (2003-05-08), XP001203820 cited in the application pages 1-13	1-10
A	US 5 705 090 A (GARLAND PAUL ET AL) 6 January 1998 (1998-01-06) column 5, lines 53-64	1-10
A	US 6 337 059 B1 (SCHUBERT CRAIG NORMAN ET AL) 8 January 2002 (2002-01-08) column 3, lines 36-50	1-10
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

18 November 2004

Date of mailing of the international search report

29/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Kanoldt, W

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/019838

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 832 712 A (BJERVE YNGVIL ET AL) 10 November 1998 (1998-11-10) abstract	1-10
A	WO 01/07147 A (UNION CARBIDE CHEM PLASTIC) 1 February 2001 (2001-02-01) abstract	1-10

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/019838

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5705090	A	06-01-1998	US 5589149 A	31-12-1996
			AT 179088 T	15-05-1999
			AU 8132494 A	29-05-1995
			CA 2176222 A1	18-05-1995
			DE 69418055 D1	27-05-1999
			DE 69418055 T2	16-09-1999
			EP 0728033 A1	28-08-1996
			ES 2132590 T3	16-08-1999
			HU 76515 A2	29-09-1997
			WO 9513128 A1	18-05-1995
US 6337059	B1	08-01-2002	AU 4681600 A	17-11-2000
			CA 2371778 A1	09-11-2000
			CN 1349427 T	15-05-2002
			EP 1177030 A1	06-02-2002
			MX PA01011183 A	20-08-2002
			NO 20015363 A	29-11-2001
			WO 0066249 A1	09-11-2000
US 5832712	A	10-11-1998	NO 940527 A	16-08-1995
			AT 167408 T	15-07-1998
			AU 687171 B2	19-02-1998
			AU 1826095 A	29-08-1995
			AU 708792 B2	12-08-1999
			AU 5637798 A	30-04-1998
			CA 2183374 A1	17-08-1995
			DE 69503036 D1	23-07-1998
			DE 69503036 T2	22-10-1998
			DK 744987 T3	01-02-1999
			EP 0744987 A1	04-12-1996
			ES 2118574 T3	16-09-1998
			HK 1012835 A1	06-08-1999
			JP 9509608 T	30-09-1997
			WO 9521683 A1	17-08-1995
WO 0107147	A	01-02-2001	US 6203599 B1	20-03-2001
			AT 264134 T	15-04-2004
			AU 765775 B2	02-10-2003
			AU 6748800 A	13-02-2001
			CA 2391256 A1	01-02-2001
			CN 1364096 T	14-08-2002
			DE 60009920 D1	19-05-2004
			EP 1206311 A1	22-05-2002
			ES 2215060 T3	01-10-2004
			JP 2003505554 T	12-02-2003
			NZ 516742 A	20-12-2002
			PT 1206311 T	30-09-2004
			WO 0107147 A1	01-02-2001